

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 11/26/2013

HMS
NMJ

Instrument Serial Number: 010619 **As of 26-Nov-13**

Maintenance Date	Certification Date	Technician Initials	Remarks
26-Nov-13	16-Oct-13	HMS (18910)	REPLACED DRY GAS STANDARD.
16-Oct-13	16-Oct-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED, REPLACED DRY GAS STANDARD.
12-Aug-13	14-May-13	MMB (26417)	REPLACED DRY GAS STANDARD.
14-May-13	14-May-13	HMS (18910)	CALIBRATED AND CERTIFIED.
12-Apr-13	28-Feb-13	HMS (18910)	REPLACED DRY GAS STANDARD.
28-Feb-13	28-Feb-13	HMS (18910)	CERTIFIED
21-Nov-12	21-Nov-12	HMS (18910)	REPLACED AND TESTED FUEL CELL MODULE, CALIBRATED AND CERTIFIED.
08-Nov-12	08-Nov-12	TLN (25387)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
11-Aug-10	11-Aug-10	HMS (18910)	CALIBRATED AND CERTIFIED.
16-Jul-10	01-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
03-Jun-10	01-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
06-May-10	01-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
01-Mar-10	01-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD, CALIBRATED AND CERTIFIED.
18-Dec-09	23-Sep-09	HMS (18910)	REPLACED DRY GAS STANDARD.
23-Sep-09	23-Sep-09	HMS (18910)	REPLACED DRY GAS STANDARD, CALIBRATED AND CERTIFIED.
09-Jul-09	21-Apr-09	HMS (18910)	REPLACED DRY GAS STANDARD.
21-Apr-09	21-Apr-09	HMS (18910)	CERTIFIED.
11-Mar-09	11-Mar-09	NMJ (22392)	FIRMWARE / SOFTWARE UPGRADE, CERTIFIED.
23-Feb-09	23-Feb-09	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

LMS
WML

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010619 Worksheet Start Date 11/26/2013

Location Fairfax County Adult Detention Center

Address 10520 Judicial Dr., Fairfax, VA 22030

DFS Technician Heather Stanton License No. 18910

☐ Laboratory ☒ On-Site

Site Specifications

	Yes	No
1 Secured Environment: Location must not be accessible to the general public.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2 Environment free from contaminants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 Dedicated telephone line: The phone line should be used solely by the instrument.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 Adequate Ventilation: Enough space must be provided for the instrument and the printer to allow for adequate ventilation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 Stable temperature controls: The instrument should not be exposed to direct sources of temperature variation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 115VAC power source: Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7 Room Condition: The site should be free of excessive moisture, heat and dust.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Old serial no.	New serial no.	Supplies
E-Seek		Mouthpieces
Keyboard		Certificates of Analysis
Printer		Operator Worksheet
UPS		Other:

Maintenance (if any)

Comments (if any)

Instrument Serial Number 010619

Certification Date

Instrument Barometer (mm HG) 753

Reference Barometer (mm HG)

755

Reference Barometer(RB)Serial # 009113

RB Calibration Due

5/8/2014

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☐ Calibrated☐ Certified☒ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG217702-19

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.100	0.099	0.096	0.102	Sample 2	0.098
Precision		sample min	sample max	Sample 3	0.098
0		0.098	0.098		

DFS Technician

Heather Stack

Date

11/26/13

Issuing Analyst

Melina Kennedy

Date

12/1/13

Intox EC/IR II QA Worksheet

Issued by Calibration and Training Program Manager

Issue Date: 4-March-2013

TLN

DFS Document 250-F113

Revision 6

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thz
mzk

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010619 Test Number: 2521

Test Date: 11/26/2013 Test Time: 11:25 EST

Dry Gas Target: 0.297

Lot Number: AG322702-01 Exp Date: 08/15/2015

Tank Pressure: 105 psi Barometric Pressure: 753 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:25
CHK	0.295	11:26
BLK	0.000	11:28
CHK	0.296	11:29
BLK	0.000	11:31
CHK	0.296	11:32

Test Status: *Success*

Calibration CRC: 6D7D174D

END

MSH

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010619 Test Number: 2522

Test Date: 11/26/2013 Test Time: 11:35 EST

Dry Gas Target: 0.099

Lot Number: AG217702-19 Exp Date: 06/25/2014

Tank Pressure: 698 psi Barometric Pressure: 753 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:35
CHK	0.098	11:36
BLK	0.000	11:38
CHK	0.098	11:39
BLK	0.000	11:40
CHK	0.098	11:41

Test Status: *Success*

Calibration CRC: 6D7D174D




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

Handwritten initials/signature in blue ink.

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY STANTON, HEATHER, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 18910	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 11/26/2013
TEST EQUIPMENT NUMBER 010619		

RESULTS: TIME SAMPLE TAKEN 11:50 EST

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 26 Nov 2013 at 16:17

Handwritten initials: LMS and MWA

Test Results

Instrument Serial Number 010619

Test # 002523 Subject Test

Test Location 1 Department of
Test Date 26 Nov 2013

Test Location 2 Forensic Science
Test Time 11:43
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name STANTON
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial N
License Number 18910

Card Serial Number 118910

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 26 Nov 2013 End Time 11:51

Result Time 11:50

Result Date 26 Nov 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 11:43

Data Type BLK

Sample Value 0.000

Sample Time 11:44

Data Type CHK

Sample Value 0.098

Sample Time 11:45

Data Type BLK

Sample Value 0.000

Sample Time 11:46

Data Type SUBJ

Sample Value 0.000

Sample Time 11:47

Data Type BLK

Sample Value 0.000

Sample Time 11:48

Data Type SUBJ

Sample Value 0.000

Sample Time 11:50

Data Type BLK

Sample Value 0.000

Sample Time 11:51

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG217702-19

Standard Expiration Date 06/25/2014

Tank Pressure 688

Barometric Pressure 753 mmHg

Blow Sample Number 1 Blow Duration 3.32 sec

Blow Volume 1742 cc End-of-Blow Time 11:47

Blow Sample Number 2 Blow Duration 3.44 sec

Blow Volume 1816 cc End-of-Blow Time 11:50

Tamper Evident Stamp d2ccd305

Test Status Code 0

Test Status Success